RCA

Lyra AV Jukebox User's Guide

Model: RD2780

Changing Entertainment. Again.

A THOMSON BRAND

Important Information

WARNING

To reduce the risk of fire or electric shock, do not expose this product or AC charger to rain or moisture.

RCA RD2780

Tested to Comply With FCC Standards

FOR HOME OR OFFICE USE

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

Battery can only be repaired or replaced by qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

FEDERAL COMMUNICATIONS COMMISSION INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation . This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product.

This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.

If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

Technical Specification

Product: Lyra AV Jukebox
Brand: RCA
Model: RD2780

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme du NMB-003 du Canada

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Product Information

Keep your sales receipt for proof of purchase to obtain warranty parts and service and attach it here. Record the serial number and model numbers — both numbers are located on the product.

Model No. _____ Serial No. _____

Purchase Date: _____ Place of purchase: _____

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Disclaimer: *This document may describe features that are not currently implemented or available for the RD2780 Lyra AV Jukebox. Please visit www.rca.com/lyra-avdownloads for more information about the latest software and updates available for the Lyra AV Jukebox.*

Things to consider before you get started...

This version of the user's guide reflects features currently implemented in version 0.16.3 or higher of the Lyra AV Jukebox software/firmware. Please visit www.rca.com/lyra-avdownloads for more information about the latest software and updates available for your device. To find out which version of software your device is using, select *Setup* from the Main menu, then press the down arrow button to highlight *Lyra Info*, and press SELECT. The software version is listed at the bottom of the screen.

Computer System Requirements

- Pentium III 500 MHz or higher recommended

  Macintosh iMac G3 or higher
- Windows® 98SE, Me, 2000 with Service Pack 3, or XP

  Mac OS X Version 10.1.5 or higher
- Internet Explorer 5.0 or higher
- Internet access
- 100 MB free hard disk space for the software
- 64 MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Installed sound card
- 16-bit color video card

File	Supported File Formats	Supported Video Codec Format
Audio	mp3, Windows Media ™ audio* (WMA)	
Photos	JPEG, JPG	
Video	AVI	MPEG4- SP

Warning

Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Caution

- Keep product out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

Caution While Driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

Back up your data

As with any device that has a hard drive or rotating magnetic media, you should back up the drive regularly. RCA and Thomson Inc. are not responsible for lost data.

Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

*Supports "clear" WMA content only. Does not support secure music downloads from services that require Digital Rights Management (DRM) capabilities.

Disclaimer: *This document may describe features that are not currently implemented or available for the RD2780 Lyra AV Jukebox. Please visit www.rca.com/lyra-avdownloads for more information about the latest software and updates available for the Lyra AV Jukebox.*

Things to consider before you get started... (continued)

Important Battery Information

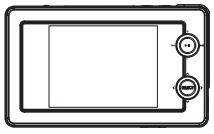
- The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not separately recharge, disassemble, heat above 100C (212F), or incinerate.
- **Battery replacement should only be made by trained technicians. Refer to the Limited Warranty (Chapter 4) for details.**
- Do not attempt to open the unit. No user serviceable parts inside.
- Keep the unit away from children. Do not disassemble or dispose product in fire.
- Use only the specified chargers which were packaged with the product. Use of another charger may present a risk of fire or explosion.
- Keep charger plugged in to device for at least 30 minutes before attempting to operate device if battery is completely run down and is insufficient to power up device.

Check For Updates

Visit http://www.rca.com/lyra-avdownloads for the latest news and firmware upgrades for the Lyra AV Jukebox. You must update your system after new downloads have been made in order for the new applications to be executed. Go to page 10 for details on profiling and updating system file pages.

Unpack the box and check your parts

Your Lyra AV Jukebox came with everything you need to make music portable– all of the items shown below should have been packed in the box with your Lyra AV Jukebox.



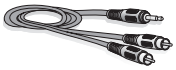
Lyra A/V Jukebox model number RD2780

AC/DC adapter charger

Music Management CD contains the Lyra AV Jukebox Applications & MusicMatch Jukebox software

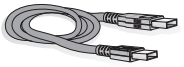
Ear Buds- plug into the Headphones jack on the side of the Lyra AV Jukebox

Carrying case



Line out cable — connects Lyra A/V Jukebox to a component, such as a TV, with video and audio capability. For details, go to Chapter 3.

Line in cable — connects Lyra A/V Jukebox to a component, such as a TV, with video and audio capability. For details, go to Chapter 3.



Mini USB cable Plug the small end into the USB port on the top end of the Lyra A/V Jukebox, and plug the other end into your computer's USB port. For details, go to page 10.

Car adapter kit and cassette adapter. For details, go to page 26.

What you want to do	Go to page...
The items below are three main features of the Lyra AV Jukebox.	
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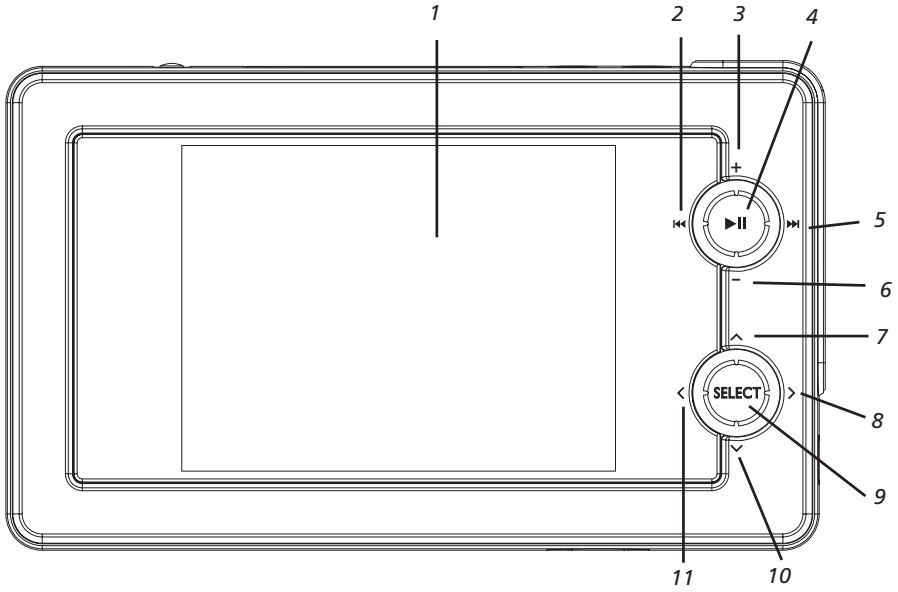
Overview of buttons and jacks

The following pages explain what each button does — some of the buttons have more than one function depending upon whether or not you're playing music, videos, or viewing photos.



Front View

1 **LCD (Liquid Crystal Display) –** This is where the Lyra's user interface and multimedia content appear.

2 **Reverse button –** When you're playing a file, press and release to skip back to the previous file (to scan backwards in the audio or video file that's playing, press and hold).

3 **SmartTag button –** Allows you to tag the file to be included in Favorites or Program Play, depending on which mode you are in. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

4 **Play/Pause –** Press to play. During playback, press to pause.

5 **Forward button –** When you're playing a file, press and release to skip forward to the next file (to scan forward in the audio or video file that's playing, press and hold).

6 **SmartUntag button –** Allows you to remove the tags from Favorites or Program Play, depending on which mode you are in. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

7 **Up arrow button –** Moves highlight up.

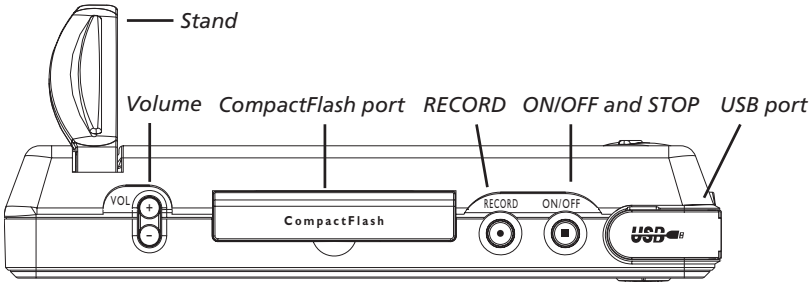
8 **Right arrow button –** If Tile Display is on (Photos navigation mode), moves highlight forward one item. If Tile Display is off and you're viewing a folder or playlist, moves highlight forward one level and expands the item's contents. Go to Chapter 2 for more information on Tile Display. Also moves highlight right in Photos setup banner.

9 **SELECT–** When using the Lyra AV Jukebox menu, selects a highlighted item. If a file is highlighted, displays the Options menu.

10 **Down arrow button –** Moves highlight down.

11 **Left arrow button –** If Tile Display is on (Photos navigation mode), moves highlight back one item. If Tile Display is off and you're viewing a folder or playlist, moves highlight back one level and collapses the item. Go to Chapter 2 for more information on Tile Display. Also moves highlight left in Photos setup banner.

Top View



Stand– Pull the stand out to place the Lyra AV Jukebox upright on a surface.

VOL (Volume up and down) - Press VOL+ to increase the volume level; press VOL- to decrease the volume level.

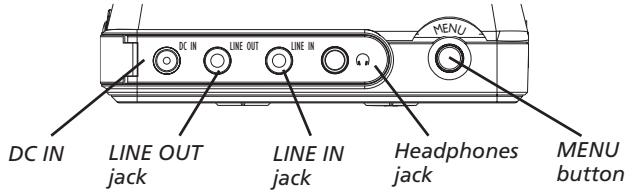
CompactFlash port – Insert a CompactFlash memory card to copy files to your Lyra AV Jukebox. When connected to a computer, the CompactFlash card port functions as a high-speed card reader.

RECORD – Displays Recording Mode options menu.

ON/OFF button and Stop icon – Turns on your Lyra AV Jukebox. To turn off the Lyra AV Jukebox, press and hold. When you're playing files, stops playback.

USB port – Attach the small end (Type mini-B) of the mini-USB cable here. Attach the large end (Type A) to your computer.

Right Side View



DC IN jack – Plug in the AC power adapter here. When you plug in the AC adapter, the battery inside of the Lyra AV Jukebox automatically starts charging.

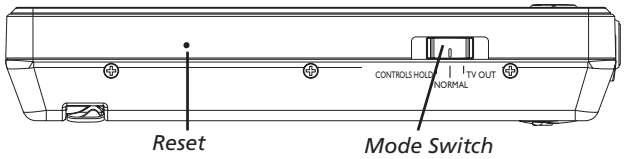
LINE OUT jack – Attach the line out cable here when you're connecting the Lyra AV Jukebox to an audio/video component, such as a stereo receiver or TV.

LINE IN jack – Attach the line in cable here when you're connecting the Lyra AV Jukebox to an audio/video component, such as a TV, VCR, or camcorder.

Headphones jack – Insert the supplied ear buds to hear sound.

MENU button – When you're in the menu system, a momentary press brings navigation up one level; press and hold to return to Main Menu. While viewing photos, press to display the setup banner. If setup banner already displayed, press to turn off. Press and hold while in the menu system or during playback for InstaHome™, which returns you to the Main Menu.

Bottom View



RESET button – If your Lyra AV Jukebox appears to be locked up, press the RESET button (the product will be reset and settings will return to the factory defaults).

CONTROLS HOLD – To make the buttons inactive, slide the switch to the CONTROLS HOLD (button lock on) position (the icon appears in the display to remind you that you've locked the buttons). Slide the switch to the NORMAL position for normal operation (button lock off).

NORMAL – To listen to music, view photos, or watch video, slide the switch to Normal mode.

TV OUT – If you've connected a cable to the LINE OUT jack, slide the switch to TV OUT to display the Lyra's user interface and multimedia content on the connected video component.

InstaHome is a registered trademark of Thomson Inc.

Setup Information

Install software in your computer (Windows support only)

The Music Management CD that came with your Lyra AV Jukebox contains all of the necessary software components you need to make your Lyra AV Jukebox work properly. These components do the following:

- view the User's Guide and documentation for the Lyra AV Jukebox
- install USB driver for Windows 98SE/Me users (Refer to page 9)
- enable you to transfer files from your computer to your Lyra AV Jukebox
- install Lyra AV Jukebox system application to profile, sort the contents, update the system files, verify user playlists, and use LyraSync functionality to sync files/folders between your computer and device (refer to page 11)
- use the MusicMatch Jukebox™ software to organize your music collection and transfer the music to your Lyra AV Jukebox

The MusicMatch Jukebox software compresses audio files (from music CDs) to the mp3 or mp3PRO format so you can play them on your Lyra AV Jukebox. The MusicMatch software also enables you to download files from the internet that are already compressed and then transfer those files to your Lyra AV Jukebox (or play the music on your computer).

Note: *For Mac users, drag and drop file support is currently available. No software components are provided at this time.*

Insert the Included CD-ROM into CD-ROM Drive

Note: *Don't connect your Lyra AV Jukebox to your computer before you have installed the required drivers (Windows 98SE/Me only).*

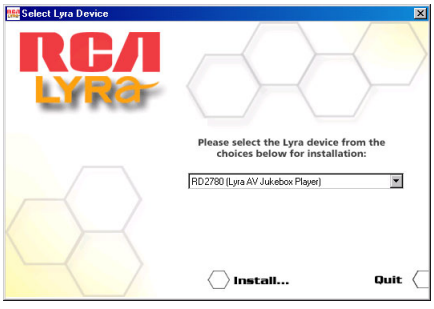
1. Turn on your computer and place the Music Management CD that came with your Lyra AV Jukebox into your computer.

   IMPORTANT: *Don't connect the USB cable to the PC or Lyra AV Jukebox before or during the driver installation.*

   If you're running Windows 2000 or XP, no additional drivers are required. If you're running Windows 98SE or Me, you ***must*** *install the device drivers from the CD-ROM in order for the Lyra AV Jukebox to function properly.*

   Note: *Windows 2000 users must have Service Pack 3 or later installed in order for proper device operation.*

2. If the setup screen does not appear, double click *My Computer*, double click your CD-ROM drive icon, and double click *Install* to run the installer.



3. Select your Lyra model (RD2780 (Lyra AV Jukebox Player)) on the setup screen and click *Install* to access installation programs corresponding to your Lyra device.

Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs Lyra system applications software, which is necessary for proper operation of your device.
Install System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

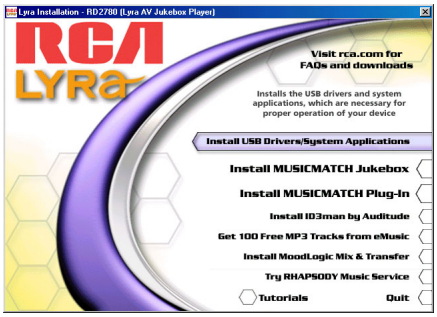
4. Click the software components you're going to install (a list follows):
   - Universal Serial Bus Drivers (Windows 98SE/Me only)
   - Lyra AV Jukebox system application
   - MusicMatch Jukebox
   - MusicMatch Jukebox device plug-in
   - Additional services (*Install ID3man by Auditude, Get 100 Free mp3 Tracks from eMusic, Install Moodlogic Mix & Transfer*, or *Try RHAPSODY Music Service*)

MusicMatch and MusicMatch Jukebox are registered trademarks of MusicMatch Corp.

5. Follow the on-screen instructions to install all necessary files, or for detailed instructions for loading each component, see the following pages.
6. Click *Finish* to complete installation of the selected component and return to the start-up screen.
7. After all the desired applications are installed, click *Quit* to exit the setup application.

Install the USB Driver and System Applications (Windows 98SE and Me only)

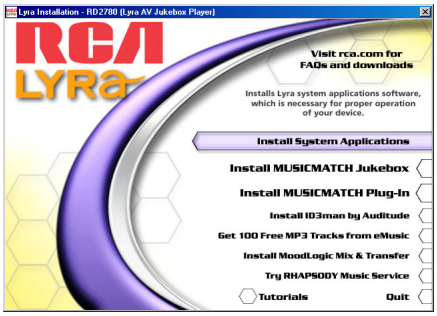
For Windows 98SE and Me systems, you need to install a USB driver before your computer can recognize your Lyra AV Jukebox, as well as the available System Applications component.


Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs the USB drivers and system applications, which are necessary for proper operation of your device
Install USB Drivers/System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

1. Click *Install USB Driver/System Applications* to install the required driver and system application for your Lyra AV Jukebox.
2. Follow the on-screen instructions to install all necessary files.
3. Click *Finish* to complete installation and return to the start-up screen.

   Note: *A restart of your system may be required after installation is completed.*

Install System Applications (Windows 2000 or XP)


Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs Lyra system applications software, which is necessary for proper operation of your device.
Install System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

1. Click *Install System Applications* to install system applications that will help you better manage your Lyra AV Jukebox.
2. Follow the on-screen instructions to install all necessary files.
3. Click *Finish* to complete installation and return to the start-up screen.

(Refer to page 10 for further system application details).

Install MusicMatch Jukebox (Optional)

MusicMatch Jukebox is a music management software used to organize and manage digital audio files and transfer music to your Lyra AV Jukebox. If you already have MusicMatch or another program to create mp3 files, you do not need to install MusicMatch.

Make sure you have installed the USB Driver/System Applications (Windows 98SE/Me) or System Applications (Windows 2000/XP) before you install MusicMatch Jukebox. For information on loading MusicMatch software, go to Chapter 4.

> ***Notes:*** *Once you have installed MusicMatch Jukebox, you need to install the MusicMatch Plug-in in order to download audio files using MusicMatch Jukebox to transfer files from your computer to your Lyra AV Jukebox. For more information on installing and using MusicMatch Plug-in, go to Chapter 4.*
>
> *A version of the MusicMatch Jukebox software must have been previously installed on your computer in order to be able to install the MusicMatch Plug-in software.*

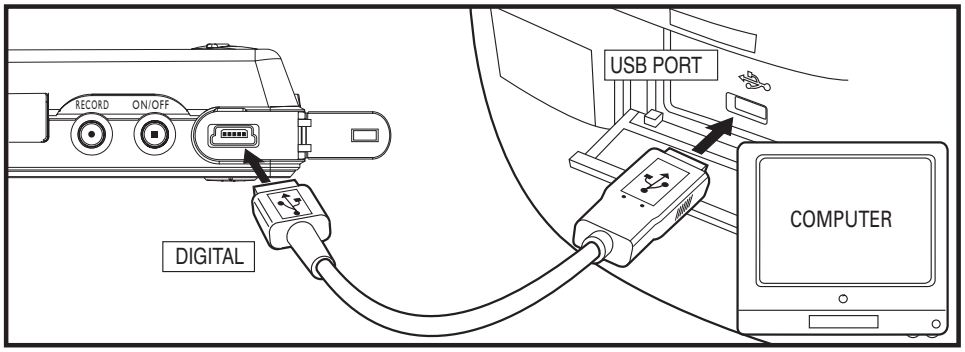
Install Additional Music Services (Optional)

Click on *Install ID3man by Auditude, Get 100 Free mp3 Tracks from eMusic, Install Moodlogic Mix & Transfer*, or *Try RHAPSODY Music Service* for additional free and/or trial digital music services provided by RCA and Thomson Inc. partners.

Connecting Lyra AV Jukebox to the Computer

Connect the Lyra AV Jukebox to your computer with the mini USB cable provided. Turn on the unit by pressing the ON/OFF button. The Lyra AV Jukebox will appear as a Removable Disk drive letter in My Computer (Windows Explorer).

If a CompactFlash memory card is properly inserted, an additional drive letter may be accessed as a Removable Disk drive letter through Windows Explorer as well. The Lyra AV Jukebox functions as a high-speed CompactFlash card reader as well.



For information on disconnecting the USB cable, go to the end of the chapter.

Notes: *It might take several seconds for the device (the Lyra AV Jukebox) to be detected, especially in Windows 2000/XP. Click Refresh in My Computer or Explorer to make sure the device has been detected.*

The Lyra AV Jukebox is capable of transferring files at high-speed mode of USB 2.0. This is up to 40 times faster than USB 1.1. If USB 2.0 port is available on your computer, use it to connect to your Lyra AV Jukebox. The Lyra AV Jukebox is still backward compatible with the older USB 1.1 ports. However, you won't be able to take full advantage of the potential speed increase.

Lyra Jukebox System Applications

Profile Device Contents (Audio only)

New audio files that are transferred to your Lyra AV Jukebox using Windows Explorer (drag and drop) will not appear in the Audio Navigation Menus until you profile the contents. If MusicMatch Jukebox was used to transfer files, you don't need to profile content as profiling is done automatically.

1. Connect your Lyra AV Jukebox to the computer using the provided USB cable if it is not already connected.

2. After all audio files have been transferred to the device, right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen).
3. Select the *Profile Device Contents...* option to start profiling and sorting contents.

   Note: *If more than one Lyra AV Jukebox is connected to your computer, you will be prompted to select the corresponding drive you want to profile.*
4. Click *Done* on the progress screen when profiling is complete.

   Note: *Video and Photos content will appear in the Navigation menus based on the folder/file structures in the VIDEO and PHOTOS system folder. Profiling of Video and Photos content is not necessary.*

   When your Lyra AV Jukebox isn't connected to a computer, you can profile Audio contents from the Audio menu, and select Profile Contents. Go to page 25 for more information.

Updating System Files

You can upgrade your Lyra AV Jukebox or repair system files on your device if it becomes damaged by downloading the latest firmware from http://www.rca.com/lyra-avdownloads. After you have downloaded the latest firmware, follow the steps below to update your system files.

1. Connect your Lyra AV Jukebox to the computer using the provided USB cable if it is not already connected.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen) and select the *Update System Files...* option to start updating your system with the latest firmware (the progress screen appears).

   Note: *If more than one Lyra AV Jukebox is connected to your computer, you will be prompted to select the corresponding drive you want to update.*

   Possible cause of system file damage:

   - System files and/or folders were accidentally deleted from the device
   - You have formatted your Jukebox.

Verify User Playlists

Verify User Playlists stores items under the *playlist* system folders (AUDIO, VIDEO, PHOTOS) on the Lyra AV Jukebox. Audio playlists must be in the M3U file format under the AUDIO system folder. Video playlists must be in the V3U file format under the VIDEO system folder. Photos playlists must be in the J3U file format under the PHOTOS system folder. See the RD2780 Lyra AV Jukebox readme file for more information.

Note: *Playlist files can be stored in sub-folders under the AUDIO, VIDEO, PHOTOS system folders as well for easier navigation and storage of your multimedia content.*

1. Connect your Lyra AV Jukebox to the computer using the provided USB cable if it is not already connected.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen) and select the *Verify User Playlists...* option (the progress screen appears).

   Note: *If more than one Lyra AV Jukebox is connected to your computer, you will be prompted to select the corresponding drive you want to verify user playlists.*

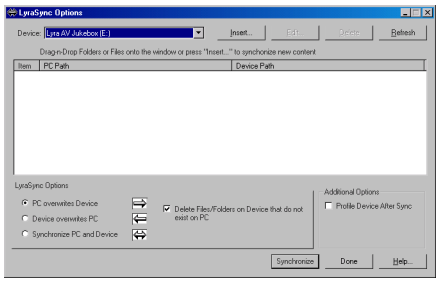
   If playlists are invalid, you will be prompted to resolve them.

LyraSync

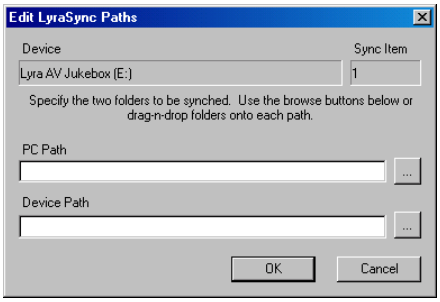
Files and folders can be synchronized between your PC and your Lyra AV Jukebox. Make sure there is enough free disk space on the specified device or PC destination folder that the sync files will be copied to in order to successfully complete the synchronization process, otherwise the synchronization process will fail.

1. Connect your Lyra AV Jukebox to the computer using the provided USB cable if it is not already connected.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen) and select *LyraSync.*



3. The *LyraSync Options* screen appears.



4. Click *Insert* to select the paths of files and folders to synchronize between your PC and the Device. Click *OK*.
5. Select the desired LyraSync direction.
   - PC overwrites Device
   - Device overwrites PC
   - Synchronize PC and Device
6. Click *Synchronize* to start.

Transferring Files to Lyra AV Jukebox

You can transfer files to your Lyra AV Jukebox via MusicMatch Jukebox or Windows Explorer. For more information on transferring Video files, go to page 19. For more information on transferring Audio files, go to page 23. For more information on transferring Photo files, go to page 27.

Disconnecting Your Lyra from the Computer

Windows Users

Before disconnecting your device, to ensure there is no loss of data, from the System Tray, left click on the icon (or the icon in Windows 98SE/Me) and select *Unplug or Eject Hardware* (the *Unplug or Eject Hardware* screen appears). Select the drive(s) corresponding to your Lyra player and click Stop.

The *Stop a Hardware Device* screen appears. Select the device to be stopped again for confirmation and click OK. You can also stop your Lyra AV Jukebox by right clicking on the icon (or the icon in Windows 98SE/Me) from the system tray and selecting the drive(s) corresponding to your player.

Mac Users

From the Desktop, drag the mounted volume icon(s) associated with the Lyra AV Jukebox into the trash folder.

Note: *If CompactFlash is connected, two volumes will be available on the desktop.*

You can also select the Eject option for the mounted volume(s) associated with the device to ensure the device is properly put away before being disconnected.

Setup Menu

The Setup Menu allows you to make changes to the Audio, Video, and Photo settings, as well as make changes to main functions of the Lyra AV Jukebox.

From the Main menu, press the up or down arrow to highlight *Setup*. Press SELECT to view the Setup menu. The following options appear:

> ***Note:*** *To return to the Main menu at any time, use the InstaHome™ feature (press and hold the Menu button located on the right side of the Lyra AV Jukebox).*

Audio/Video Settings Press the right arrow to view the Audio/Video settings. Options within the Audio/Video settings are explained later in the section under Audio/Video Settings Menu.

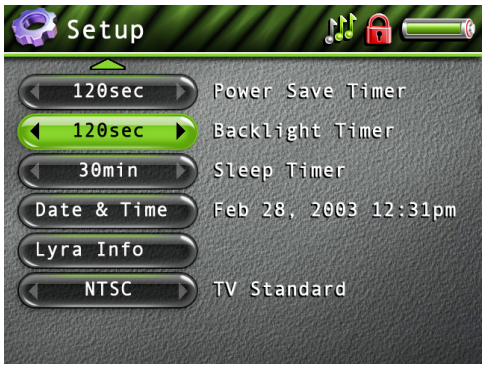
Photos Settings Press the right arrow to view the Photos settings. Options within the Photos settings are explained later in the section under Photos Settings Menu.

LCD Brightness Press the right or left arrow to increase or decrease the brightness to the LCD screen.

Video Record Quality Press the right arrow to select a video recording quality- *LP-Low* (long play), *SP-Med* (standard play), *HQ- High* (high quality).

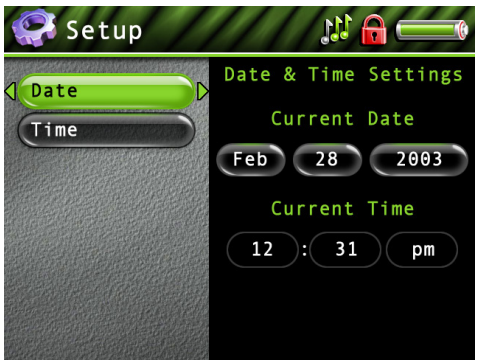
Audio Record Quality Press the right arrow to select an audio record quality- *96 k- Low* (low quality), *128 k- Med* (medium quality), *192 k- High* (high quality).

Power Save Timer Press the right arrow to set a time for Power Save- *OFF, 60 sec* up to *120 sec* (10 second increments).



Backlight Timer Press the right arrow to set a time for the backlight to the LCD screen to turn off- *OFF, 5 sec* up to *120 sec* (5 second increments).

Sleep Timer Press the right arrow to set a one-time timer for the unit to shut down after playback has been activated- *OFF, 30 min, 60min, 90min,* and *120min.*



Date & Time Press the right arrow (the *Date & Time Settings* screen appears with *Date* highlighted). Press the right arrow to highlight the month setting. Press the up or down arrow to select the current month. Press the right arrow to highlight the day. Press the up or down arrow to select the current day. Follow the same procedure to set the year.

Press the right arrow when you're finished setting the date to highlight the Date and Time options again. Press the down arrow to highlight *Time*. Follow the same directions for setting the date to set the time.

Lyra Info Press the right arrow to display information about your Lyra- *Hard Drive Capacity, Available Hard Drive Space, Total Files,* and *Software Version*.

TV Standard Press the right arrow to change the TV Standard: *NTSC* (National Television Standards Committee) is the North American television standard, or *PAL* (Phase Alternation by Line) is used in some European countries and elsewhere.

Audio/Video Settings Menu

Note: *To return to the Main menu at any time, use the InstaHome™ feature (press and hold the Menu button located on the right side of the Lyra AV Jukebox).*

Status Display (video only) Press the right arrow to turn on or off the information, such as time elapsed, that appears on screen during video playback.

Bookmark Allows you to set video bookmarks during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Audio Playback Press the right arrow to select one of the playback options: *NORMAL-* songs from the sorting category selected are played in the order they appear, *REPEAT-* repeats songs from the sorting category selected and are played in the order they appear, *REPEAT 1-* repeats current song being played, *REPEAT ALL-* repeats all songs in the Audio Navigation mode based on their order in the current sorting mode (Audio, Album, etc.), *SHUFFLE-* songs/sub-categories from the current sorting category are played in random order, *SHUFFLE ALL-* all songs from the sorting mode (Audio, Album, etc.) are played in random order, *SHUFFLE REP (Shuffle Repeat)-* songs/sub-categories from the current sorting category are repeatedly played in random order, *SHF ALL REP (Shuffle All Repeat)-* all songs from the sorting mode are repeatedly played in random order. You can change the playback option in the audio playback menu as well.

Video Repeat Press the right arrow to select one of the repeat options: *OFF, ON-* video files from a folder or sorting category are played repeatedly, *ONE-* video played is repeated, *ALL-* repeats all videos available in the Video navigation mode.

Brightness Allows you to increase or decrease the brightness of the video during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Color Allows you to increase or decrease the color of the video during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Contrast Allows you to increase or decrease the contrast of the video during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Audio Equalizer Allows you to select a specific equalizer setting to adjust the various levels of the audio output for different types of audio content. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Audio Clips Allows you to sample audio content files without activating playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Video Clips Allows you to sample video content files without activating playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Audio/Video Settings Menu continued...

Tile Display Mode (for video only) Determines how the video contents are displayed during navigation mode. When Tile Display is off, files are displayed in button format, folders listed first in alphabetical order, video files follow in alphabetical order. Sub-folders or video files from a highlighted folder are displayed on the right side of the screen (sub-folders listed first in alphabetical order and video files follow in alphabetical order).

> ***Note:*** *Tile Display Mode ON currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates.*

Tile Display Mode Off

RESET Select to reset Audio and Video settings to the factory defaults.

Photo Settings Menu

> ***Note:*** *To return to the Main menu at any time, use the InstaHome™ feature (press and hold the Menu button located on the right side of the Lyra AV Jukebox).*

Status Display Displays information, such as file name, that appears on screen when viewing a photo. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Notes Display Notes associated with the photo are displayed while viewing a photo. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Slideshow Settings Press SELECT to view the Slideshow Settings options.

Press the up or down arrow to select *OFF* or *ON* for the Slideshow option.

Press the right arrow to highlight the *Interval* option. This is the amount of time each photo is shown during the slideshow. Press the up or down arrow to change the amount of time starting at 2 seconds, up to 60 seconds.

When you've finished setting the *Interval* option, press the right arrow to highlight the *Mode* option. Press the up or down arrow to select *Normal*- plays all files in the current folder, *ALL*- plays all photo files in the current folder as well as any sub-folders in the current folder, *Repeat*- repeats all photo files in the current folder, *Rep-All* (Repeat All)- repeats all photo files in the current folder as well as any sub-folders in the current folder.

Play Audio File A slideshow must be set in order to choose an audio file. Highlight *Play Audio File* to browse for an audio file to be played during a slideshow. Once a file is selected, the Audio Browse mode is exited and the file name is displayed next to the *Play Audio File* option.

> ***Note:*** *You can only browse for audio files during Play Audio File; you can't listen to the audio files.*

Rotate Photo Press the right or left arrow to select a rotate option: *OFF, +90, 180, -90*. This changes the rotation for all your photos. To change the rotation for individual photos, use the Photo Settings Banner option. Go to page 29 for more information.

Brightness Allows you to increase or decrease the brightness to photo content during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Photo Settings Menu continued...

Color Allows you to increase or decrease the color to photo content during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Contrast Allows you to increase or decrease the contrast to photo content during playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Tile Display Mode Determines how the photo content is displayed during navigation mode. Press the right arrow to turn *OFF* or *ON* the Tile Display Mode. When you select the *Photos* option from the Main menu and Tile Display is on, the files will be displayed in thumbnail view. When Tile Display is off, files are displayed in button format, folders listed first in alphabetical order, photo files follow in alphabetical order. Sub-folders or photo files from a highlighted folder are displayed on the right side of the screen (sub-folders listed first in alphabetical order and photo files follow in alphabetical order). See pictures below for examples.

Tile Display Mode On

Tile Display Mode Off

RESET Select to reset Photo settings to the factory defaults.

Basic Information

The Lyra AV Jukebox is able to play video and music, view pictures, and also store any computer files. The 20 GB hard drive storage allows you to:

- Record and view up to approximately 80 hours of video
- Record and play up to approximately 300 hours of music (record quality at 64kpbs)
- Store and view up to approximately 100,000 JPEG images

Note: *Audio only mp3 encoded at 128kbps; Video (with audio) encoded at 480kbps; JPEG images assume average of 150KB per file. Actual recording time and available storage space vary depending on system requirements, bitrate and other factors.*

You can find out how much availability is on your hard drive by going to the *Setup* menu and selecting *Lyra info* (go to page 13 for more information).

Note: *The built-in battery needs to be charged 4 hours by the supplied AC/DC adapter before it is fully charged .*

Basic Screen Information

While viewing the Video, Audio, Photos, or Files menu, the same type of information appears on-screen.

1 Displays the file or folder name highlighted in the menu system.

2 Displays the mode you are in- *Video, Audio, Photos,* or *Files*, along with the mode icon

3 The Lock icon is displayed if the CONTROLS HOLD on the bottom of the unit is switched on. The device's buttons will be inactive (locked) when CONTROLS HOLD is switched on.

4 The Battery icon displays how much power remains on the battery (full green bar indicates 75%-100%, is 50%-75%, 25%-50%, red bar indicates below 25%, indicates battery is dead.

5 The preview window displays the picture associated with the mode, or if available, the file highlighted. During Audio Playback mode, the preview window displays the ID3 cover art (if available) associated with the current audio file being played.

Basic Operation

The information in this section presumes you've successfully transferred files to your Lyra AV Jukebox, and you're ready to play different types of files.

If you need specific setup information (downloading music, transferring files, installing software), go to Chapter 1.

If you want more detailed information about the Lyra AV Jukebox's menu system, go to page Chapter 2.

Understanding how to navigate through the Lyra AV Jukebox's menu system, as well as how the buttons operate, will give you the information you need for basic functionality.

The Main menu displays *Video, Audio, Photos, Files* and *Setup* on the left side of the LCD screen. The navigation scheme is the same no matter what menu you access:

1. Press the arrow up or down buttons to highlight different items on the screen.
2. Press the right arrow button to open a folder or sorting category to display the item's (Video, Audio, etc.) contents.
3. Press the left arrow button to close a folder or sorting category and move back one level.
4. Press the up or down arrow button to highlight a file, then press SELECT to display the Options menu, or press ▷II (play/pause) to start playback. Press play/pause again to pause playback. If a folder or playlist is highlighted, press SELECT to open (expand) the folder or playlist and display it's contents.
5. To stop playing a file, press the Stop button (◎) on the top of the player.
6. Press the MENU button momentarily to go back one level. Press and hold the MENU button to return to the Main menu.

Recording Video to Your Lyra AV Jukebox

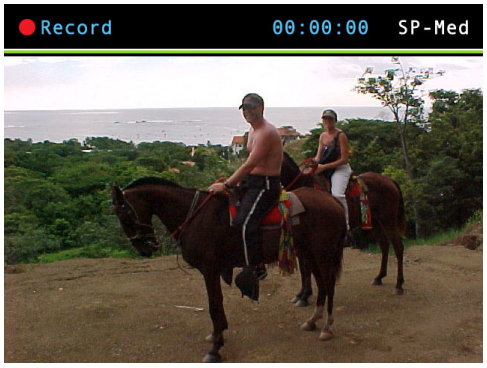
From an Audio/Video Component

You can record video from video components that have video output jacks, such as a TV, VCR, cable or satellite box, using the supplied Line In cable.

> ***Note:*** *You might want to change the Video Record Quality setting in the Setup menu (go to Chapter 2) if you want to record at a lower quality to take up less space, or to record at a higher quality for better video. The default record quality is SP-Med (standard play). A 30 minute program recorded at this quality will take up approximately 220-270 MB.*
>
> *To view recorded content on your TV, it is recommended to set the Video Record Quality to HQ- High (high quality).*
>
> *To view recorded content on your Lyra AV Jukebox, it is recommended to set the Video Record Quality to SP-Med (standard play).*

1. Make sure your Lyra AV Jukebox is off.
2. Connect the 2.5mm mini-plug end of the cable to the LINE IN jack on your Lyra AV Jukebox player.
3. Connect the yellow (video) to the Video Output jack to the component. If you want to record sound, connect the red (audio right) and white (audio left) cables to the corresponding right and left Audio Output jacks on your component.
4. Turn on the power to your component, and select the input you're recording from (for example, if you want to record a tape playing from the VCR to the TV, you need to switch to VCR mode on the TV to view the tape).
5. Turn on your Lyra AV Jukebox.
6. Highlight and select *Video*.

7. Press the RECORD button on the top of the Lyra AV Jukebox when are you ready to record (the Recording Mode screen appears). If you need to, press PLAY on the device connected to the TV (for example, a VCR).



8. Press SELECT to begin recording, or highlight one of the pre-set times to record so you don't have to press Stop. Once recording begins, the record screen appears with status, Recording time (if *Start Recording* was selected, this will be blank) elapsed time, recording quality and the file name shown.

9. If necessary, press Stop to stop recording. When finished recording, you will be prompted to rename the new file. The following screen appears:

10. Select *No* and the default file name is used and you're returned to Video Navigation mode. Select *Yes* and the on-screen keyboard appears. Go to *Using the On-Screen Keyboard* on page 31 for information.

    Note: *Recorded video files must use the .asf file extension. If a file extension isn't specified, then the system automatically adds the .asf file extension to the file name during the save process.*

11. Select *Done* from the keyboard screen when you've entered the new file name, or select *Cancel* to use the default file name. You're returned to Video Navigation mode.

From Computer

You can record video from your computer using a Line Out to mini-Line In cable if your computer has a Line Out jack.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the smaller end of the cable (mini-Line In) to the LINE IN jack on your Lyra AV Jukebox player.
3. Connect the other end to the Line Out jack on your computer.
4. Turn on the power to your computer, and select the file you want to record from.

Follow steps 5-11 of ***From an Audio/Video Component***.

Transferring Video Files to Lyra AV Jukebox

You can transfer video files to your Lyra AV Jukebox using Windows Explorer.

If your Lyra AV Jukebox isn't already connected to your computer, connect it using the provided USB cable (go to page 10 for information on connecting the USB cable). Don't disconnect the USB cable during video download. Doing so may corrupt system files or the files being downloaded. It is highly recommended that the Lyra AV Jukebox be connected to the ROOT USB PORT (the main USB port) on the PC or a self powered USB hub.

From Windows Explorer, open the Lyra AV Jukebox drive. Open the drive where the files/folders you want to transfer are located, and highlight them. Drag the files/folders to the *VIDEO* system folder on the Lyra AV Jukebox drive.

> ***Helpful hint:*** *You can also right click on your content in Windows Explorer and select Copy (or Ctrl + C). Then from the VIDEO folder, right click and select Paste (or Ctrl + Y) to add the copied content.*

Supported video files (MPEG4 in avi file format) must be stored in the *VIDEO* system folder in order to be available for playback on the device. Sub-folders may be created under the *VIDEO* system folder for easy navigation and organization of your video content.

> ***Note:*** *You must stop the USB connection before disconnecting the USB cable (go to page 12 for more information on disconnecting the USB cable).*

A CompactFlash memory card can also be used to transfer video files. If a CompactFlash memory card is properly inserted, an additional drive is available through Windows Explorer to transfer content onto. Please ensure the correct drive is being used when transferring content from the device. Go to page 32 for more information on transferring files from the CompactFlash memory card.

Playing Video

To select and play a video from the Main Menu:

1. Press the up or down arrow to highlight *Video* and press SELECT. Video content appears on the left side of the screen in the same folder or file structure as it's stored on the hard drive.

2. Press the down arrow button to highlight the video or video folder you want to select, for example, *Spring Vaca....(Spring Vacation)*. The following appears:

- A list of videos and sub-folders appear on the left side of the screen. Press the right arrow to display the files under *Spring Vaca...(Spring Vacation).* The videos appear on the right side of the screen. This type of navigation is with Tile Display Mode turned off.

3. Continue to press the up or down arrow to highlight a sub-folder, or video file. Press the left or right arrow to move back or forward a level.

   Once you have highlighted a video you want to view, press SELECT to display the Options Menu (or press Play/Pause to start playback for the selected video and the Options menu won't appear). The Video Options Menu description follows:

Highlight *Play* and press SELECT to play the video.

Highlight *Exit* and press SELECT to return to the last viewed Video menu.

Highlight *Add to Favorites* to add the video to your favorites list in the Video system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Add to User Playlist* to add the video to your playlist file in the Video system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Program Play* to start program playback. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Move To* and press SELECT if you want to move the video to a different folder.

Highlight *Delete* and press SELECT to delete the video from the folder.

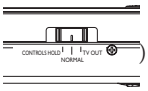
Highlight *Create Folder* and press SELECT. The on-screen keyboard appears to let you name a new sub-folder to the currently selected (open) folder. Go to *Using the On-Screen Keyboard* on page 31 for information.

To stop playing a video, press the Stop button (⊙) on the top of the player.

> ***Note:*** *If you press STOP, PAUSE, MENU or turn off the device during video playback, the video is saved at the point where it is stopped. The next time you play that video, a message screen appears. Press SELECT to continue, press PLAY to restart video, or press STOP to cancel.*

Viewing Video Content on Your TV

You can view video content stored on the hard drive of your Lyra AV Jukebox using the supplied Line Out cable if your TV has Audio and Video Input jacks.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the 2.5mm mini-plug end of the cable to the LINE OUT jack on your Lyra AV Jukebox player.
3. Connect the yellow (video) to the Video Input jack. Connect the red (audio right) and white (audio left) cables to the corresponding right and left Audio Input jacks on your TV.
4. Turn on the power to your TV, and change to the corresponding input channel on your TV.
5. Turn on your Lyra AV Jukebox. Switch the Mode Switch to TV OUT (locate the switch on the bottom of your Lyra AV Jukebox 

).
6. Highlight and select *Video*.
7. Find the file you want to view on the TV. Press the Play button.
8. When finished viewing on the TV and to display the video on the Lyra screen, move the Mode Switch back to the NORMAL position.

Recording Audio to Your Lyra AV Jukebox

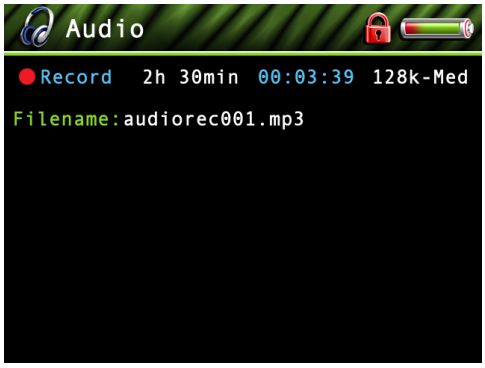
From Stereo System

You can record audio from an audio/video component, such as a stereo system, using the supplied Line In cable if the component has Audio Output jacks.

> ***Note:*** *You might want to change the Audio Record Quality setting in the Setup menu (go to Chapter 2) if you want to record at a lower quality to take up less space, or to record at a higher quality for better sound. The default record quality is 128 k (medium quality- mp3 audio).*

1. Make sure your Lyra AV Jukebox is off.
2. Connect the 2.5mm mini-plug end of the cable to the LINE IN jack on your Lyra AV Jukebox player.
3. Connect the red (audio right) and white (audio left) cables to the corresponding right and left audio jacks on your stereo system.
4. Turn on the power to your audio system, and select the mode you're recording from (for example, if you want to record a CD, make sure the stereo is in CD mode).
5. Turn on your Lyra AV Jukebox.
6. Highlight and select *Audio*.

7. Press the RECORD button on the top of the Lyra AV Jukebox when you're ready to record (the Recording Mode screen appears). If you need to, press PLAY on your stereo.



8. Press SELECT to begin recording, or highlight one of the pre-set times to record so you don't have to press Stop. Once recording begins, the record screen appears with status, Recording time (if *Start Recording* was selected, this will be blank) elapsed time, recording quality and the file name shown.

9. If necessary, press Stop to stop recording. When finished recording, you will be prompted to rename the new file. The following screen appears:

10. Select *No* and the default file name is used and you're returned to Audio Navigation mode. Select *Yes* and the on-screen keyboard appears. Go to *Using the On-Screen Keyboard* on page 31 for information.

    Note: *Recorded audio files must use the .mp3 file extension. If a file extension isn't specified, then the system automatically adds the .mp3 file extension to the file name during the save process.*

11. Select *Done* from the keyboard screen when you've entered the new file name, or select *Cancel* to use the default file name. You're returned to Audio Navigation mode.

If your stereo doesn't have Audio Out jacks, you can record from the headphone jack using a headphone to mini-Line In cable.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the smaller end of the cable (mini-Line In) to the LINE IN jack on your Lyra AV Jukebox.
3. Connect the headphone end to the headphone jack on your stereo system. Follow steps 4-11 above.

From Computer

You can record audio from your computer using a headphone/line out 3.5 mm to mini-Line In cable.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the smaller end of the cable (mini-Line In) to the LINE IN jack on your Lyra AV Jukebox.
3. Connect the other end to the headphone or line out jack on your computer.
4. Turn on the power to your computer, and select the file you want to record.

Follow steps 5-11 of ***From Stereo System***.

Transferring Audio Files to Lyra AV Jukebox

You can transfer audio files to your Lyra AV Jukebox via MusicMatch Jukebox or Windows Explorer. To transfer files via MusicMatch Jukebox, go to Chapter 4 for more information.

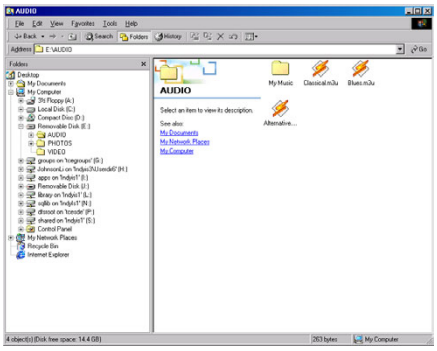
If your Lyra AV Jukebox isn't already connected to your computer, connect it using the provided USB cable (go to page 10 for information on connecting the USB cable). Don't disconnect the USB cable during music download. Doing so may corrupt system files or the files being downloaded. It is highly recommended that the Lyra AV Jukebox be connected to the ROOT USB PORT (the main USB port) on the PC or a self powered USB hub.

From Windows Explorer, open the Lyra AV Jukebox drive. Open the drive where the files/folders you want to transfer are located, and highlight them. Drag the files/folders to the *AUDIO* system folder on the Lyra AV Jukebox drive.

> ***Helpful hint:*** *You can also right click on your content in Windows Explorer and select Copy (or Ctrl + C). Then from the AUDIO folder, right click and select Paste (or Ctrl + Y) to add the copied content.*

It is highly recommended that all supported audio files (mp3 or mp3PRO) be stored in the *AUDIO* system folder to allow for easy navigation and organization of the contents of the Lyra AV Jukebox.

> ***Note:*** *You must stop the USB connection before disconnecting the USB cable (go to page 12 for more information on disconnecting the USB cable).*



A CompactFlash memory card can also be used to transfer audio files. If a CompactFlash memory card is properly inserted, an additional drive is available through Windows Explorer to transfer content onto. Please ensure the correct drive is being used when transferring content from the device. Go to page 32 for more information on transferring files from the CompactFlash memory card.

When all files have been transferred to the Lyra AV Jukebox hard drive through the PC, you MUST re-profile the audio contents by using the Lyra Jukebox System Application to ensure all audio content is properly sorted and recognized on the Lyra AV Jukebox in Audio mode. See Chapter 1 for more details on the Lyra Jukebox System Application.

> ***Note:*** *When the Lyra AV Jukebox isn't connected to the PC, you can run the embedded profiler on the device. From the Audio menu on the Lyra, select Profile Contents to run the embedded profiler. Go to page 25 for more details on the Embedded Audio Profiler.*

Transferring Predefined Audio Playlists to your Lyra AV Jukebox

Predefined M3U audio playlists can be created on your PC using MusicMatch Jukebox (or any other music management software that supports M3U audio playlist files). Refer to the MusicMatch Jukebox User Manual for details. Use Windows Explorer to transfer predefined playlists to your Lyra AV Jukebox.

If your Lyra AV Jukebox isn't already connected to your computer, connect it using the provided mini-USB cable.

From Windows Explorer, highlight the predefined playlists that you have created in MusicMatch Jukebox and drag them to the *AUDIO* folder located on the Lyra AV Jukebox drive.

> ***Helpful hint:*** *You can also right click on your content in Windows Explorer and select Copy (or Ctrl + C). Then from the AUDIO folder, right click and select Paste (or Ctrl + Y) to add the copied content.*
>
> ***Notes:*** *Only Audio M3U playlists files stored in the AUDIO folder will be recognized by the device. Audio playlists can be stored in sub-folders under the AUDIO system folder for easier navigation and storage of your playlist files.*
>
> *Audio playlists files must use the .M3U files extension in order to be properly recognized by the device.*

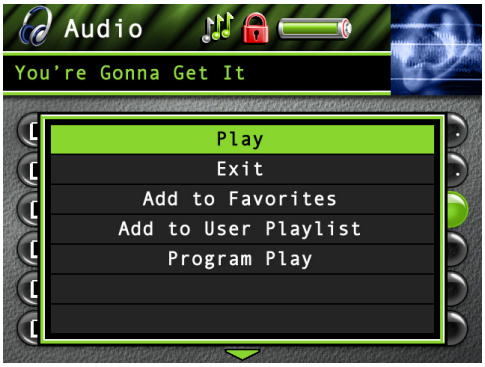
Playing Audio

To select and play a song from the Main Menu:

1. Press the up or down arrow to highlight *Audio* and press SELECT to enter the Audio navigation mode. Eight options are displayed: *Artist*– sorts and displays audio content according to ID3 Artist, Album, and Track ID; *Album*– sorts and displays audio content according to ID3 Album and Track ID; *Title*– sorts and displays audio content according to ID3 Song Title; *Genre*– sorts and displays audio content according to ID3 Genre, Artist, and Song Title; *Year*– sorts and displays audio content according to ID3 Year and Song Title; *Audio Files*– sorts and displays audio content according to file names; *Playlists*– displays all Audio M3U playlists stored in the AUDIO folder; and *Profile Contents*– allows you to use the Embedded Audio Profiler in order to sort all available audio content stored on the hard disk of the device.

2. Press the down arrow button to highlight the sorting category you want to select a song from, for example, *Artist*.
3. Press the right arrow to display the list of Artists (the Artists appear on the right side of the screen).
4. Continue to press the up or down arrow to select the album, then press the right arrow to display the list of albums from the artist chosen. Press SELECT to open (expand) the item and display the contents. Press the left or right arrow to move back or forward a level in the sorting category (*Artist, Album, Title*, etc...).

   Press SELECT when you've chosen a song to display the Options Menu (or press Play/Pause to start playback for the selected category, or song and the Options menu won't appear). The Audio Options Menu description follows:



Highlight *Play* and press SELECT to play the current song or category selected.

Highlight *Exit* and press SELECT to return to the last viewed Audio menu.

Highlight *Add to Favorites* to add the song or album to your favorites list in the Audio system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Add to User Playlist* to add the song or album to a playlist file in the Audio system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Program Play* to start program play. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

To stop playing an audio file, press the Stop button (◎) on the top of the player.

Playing Audio Playlists

To select and play an audio playlist from the Main Menu:

1. Press the up or down arrow button to highlight *Audio* and press SELECT to enter the Audio navigation mode.
2. Press the down arrow button to highlight *Playlists*.

3. Press the right arrow to display the available audio playlist files (a list of audio playlist files and sub-folders appear on the left side of the screen).

   Note: *A playlist is indicated by the playlist icon (▶) next to the file.*

4. Continue to press the up or down arrow to highlight a sub-folder or audio playlist file. Press the right arrow with an audio playlist or folder highlighted to display the contents of the file or folder. Press the left arrow to close the playlist and move back a level.
5. With an audio file from a playlist highlighted, press SELECT to display the Options Menu (or press Play/Pause to start playback for the highlighted entry in the expanded playlist). The Audio Playlist Options Menu description follows:

Highlight *Play* and press SELECT to play the current audio file selected.

Highlight *Exit* and press SELECT to return to the last viewed Audio menu.

Audio Playback Screen

The following screen is an example of what an audio playback screen might look like.

Artist, Album, Song, Title, Genre, Track and Yr (Year)- Displays the ID3 tag information contained in the file, if available. If no ID3 tag information is available, the field will display *Unknown*.

1 **Encoded Bit-rate** – Indicates the bit-rate the audio file was encoded in when created.

2 **Elapsed time**– When you're playing music, the amount of time that the track has played appears.

3 **Lock icon**- Displayed when CONTROLS HOLD on the bottom of the unit is switched on (button lock on).

4 **Battery Indicator**- Indicates how much power remains on the battery. Go to page 17 for more information on battery indicator levels.

5 **Playback Mode**- During playback, the play icon arrow is highlighted (as in graphic above). When you pause playback, the pause (❚❚) icon is highlighted. During forward or reverse playback, the ▶▶ or ◀◀ icons are highlighted.

6 **Audio Equalizer Preset setting** (***Rock***) – For more information about Audio Equalizer Preset settings, go to page 14. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

7 **Preview Window** – During Audio Playback mode, the preview window displays the ID3 cover art (if available) associated with the current audio file being played. If no cover art is available, the Audio mode preview window graphic will be displayed.

8 **Volume level indicator** – There are 33 steps in the volume control. Press the volume up/down buttons to increase or decrease the volume. The volume level bar is displayed on screen when increasing or decreasing the volume.

9 **Mode** (***Shuffle All***) – Displays current playback mode (Normal, Repeat, Shuffle, etc.). For more information about playback mode settings, go to page 14. Highlight the tab and press the up or down arrow to change the mode setting.

Using the Embedded Audio Profiler

The embedded audio profiler allows you to profile (sort) audio contents stored on the hard drive without having to connect to a computer. To profile audio content using the embedded audio profiler:

1. From the Audio menu, press the down arrow button to highlight *Profile Contents* and press SELECT.
2. The *Do you want to re-profile the audio contents* message is displayed. Select *Yes* to begin profiling. Select *No* to cancel.
3. During the profiling process, status messages are displayed on-screen. If any errors occur during the process, an error message is displayed.
4. Once the profiling is complete, the Audio menu is displayed. The audio contents displayed in the available sorting categories reflect the actual audio files stored on the Lyra's hard drive.

Playing Your Lyra AV Jukebox in Your Car Stereo

The cassette adapter lets you listen to the Lyra AV Jukebox in an automobile or RV safely without having to wear headphones.

The car kit is included with your Lyra AV Jukebox. This accessory kit includes a car cord adapter and a cassette adapter. The car cord adapter lets you power your Lyra from the cigarette lighter socket of a car, truck, or RV. It converts 12-volts to a 4.5-volt output.

1. If the headphones are attached, remove them. Insert the plug on the cassette adapter into the LINE OUT jack on the player.
2. Set the volume control on the cassette player to your normal listening level. Also set your Lyra AV Jukebox's volume to roughly step 24.

   Note: *It may be necessary to slightly adjust the Lyra AV Jukebox's volume to attain best overall sound quality.*
3. Insert the cassette (Side A up) into your cassette player making sure the cord is placed in the correct position for your type of player.
4. Attach the end of the car cord adapter to the DC IN jack on your Lyra AV Jukebox.
5. Remove the cigarette lighter from the socket, and insert the car cord into the socket.
6. Turn on your Lyra AV Jukebox, and operate the Lyra AV Jukebox to play music as described earlier in the chapter.
7. Control the sound level by using the volume control on the cassette player.
8. When you're finished,

   A. Remove the cassette adapter from the cassette player.

   B. Turn off the Lyra AV Jukebox.

   C. Remove the car cord's plug from the cigarette lighter socket.

   Cautions: Make sure to place the wire securely into the slot on the cassette in the correct direction for the type of player you have.

   The car cord adapter is designed to be used only with vehicles having negative ground electrical systems. Use of any other car cord adapter may damage your Lyra AV Jukebox and void your warranty.

Playing Your Lyra AV Jukebox on Your Stereo System

Your Lyra AV Jukebox came with a Line Out Cable that you can use to connect your Lyra to your audio system.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the 2.5mm mini-plug end of the cable to the LINE OUT jack on your Lyra AV Jukebox player.
3. Connect the red (audio right) and white (audio left) cables to the corresponding right and left audio jacks on your stereo system.
4. Turn on the power to your audio system, and select the proper input setting on the audio system that corresponds with the way you've connected the Lyra AV Jukebox to the audio system.
5. Turn on your Lyra AV Jukebox – press and hold ⏻ for 2 seconds.
6. Operate the Lyra AV Jukebox to play music as described earlier in the chapter.

Transferring Photos Files to Lyra AV Jukebox

You can transfer photo files to your Lyra AV Jukebox using Windows Explorer.

If your Lyra AV Jukebox isn't already connected to your computer, connect it using the provided USB cable (go to page 10 for information on connecting the USB cable). Don't disconnect the USB cable during Photos download. Doing so may corrupt system files or the files being downloaded. It is highly recommended that the Lyra AV Jukebox be connected to the ROOT USB PORT (the main USB port) on the PC or a self powered USB hub.

From Windows Explorer, open the Lyra AV Jukebox drive. Open the drive where the files/folders you want to transfer are located, and highlight them. Drag the files/folders to the associated folder on the Lyra AV Jukebox drive.

Supported photo files (JPEG or JPG) must be stored in the *PHOTOS* system folder in order to be available for viewing on the device. Sub-folders may be created under the *PHOTOS* system folder for easy navigation and organization of your image files.

> ***Note:*** *You must stop the USB connection before disconnecting the USB cable (go to page 12 for more information on disconnecting the USB cable).*

A CompactFlash memory card can also be used to transfer photo files. If a CompactFlash memory card is properly inserted, an additional drive is available through Windows Explorer to transfer content onto. Please ensure the correct drive is being used when transferring content from the device. Go to page 32 for more information on transferring files from the CompactFlash memory card.

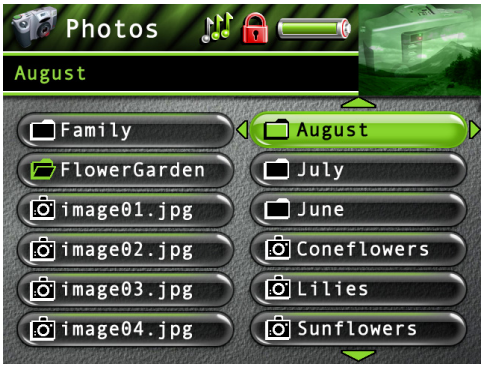
> ***Note:*** *You can view photos directly from the CompactFlash memory card without having to transfer the content to the Lyra AV Jukebox hard drive.*

Viewing Photos

To select and view a photo from the Main Menu:

1. Press the up or down arrow to highlight *Photos* and press SELECT. Photos or photo folders appear on the left side of the screen.

2. Press the down arrow button to highlight the photo or photo folder you want to select, for example, *FlowerGarden*. Depending on how the photo navigation is setup, one of two things can happen.



- A list of photos and sub-folders appear on the left side of the screen. Press the right arrow to display the files under sub-folder. The photos appear on the right side of the screen. This type of navigation is with Tile Display Mode turned off. Go to the *Photos Settings* in the *Setup* menu to turn on Tile Display Mode.

- Photos and sub-folders appear in a thumbnail, or tile, display. Press the left or right arrow to select a tile. When you get to the last tile at the bottom, the screen displays the next six photos or subfolders in the list. This type of navigation is with Tile Display Mode turned on. Go to the *Photos Settings* in the *Setup* menu to turn off Tile Display Mode.

3. Press the right arrow to access the list of photos under the folder (the photos appear on the right side of the screen).
4. Continue to press the up or down arrow to highlight a sub-folder or photo file. Once you select the photos file you want to view, press SELECT to display the Options menu (or press Play/Pause to view the file and the Options menu won't appear). The Photos Options menu descriptions follow:

Highlight *Play* and press SELECT to view the photo.

Highlight *Exit* and press SELECT to return to the last viewed Photo menu.

Highlight *Add to Favorites* to add the photo to your favorites list in the Photos system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Add to User Playlist* to add the photo to your playlist file in the Photo system folder. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Program Play* to play tagged photo files. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Move To* and press SELECT if you want to move the photo to a different folder.

Highlight *Delete* and press SELECT to delete the photo from the folder.

Highlight *Create Folder* and press SELECT. The on-screen keyboard appears to let you name a new sub-folder to the currently selected (open) folder. Go to *Using the On-Screen Keyboard* on page 31 for more information.

To stop playing a video, press the Stop button (⊙) on the top of the player.

Creating Photo Slideshow

To create a slideshow based on folder contents:

1. Go to the *Slideshow Settings* option under the *Photos Settings* in the *Setup* menu (go to Chapter 2 for more information).
2. Select *ON*, then set the *Interval* option. Set the *Mode* option to *All* (plays one time), *Repeat* (repeats slideshow), or *Repeat All* (repeats slideshow continuously).
3. Press the MENU button to go back to the Main Menu and highlight the *Photos* option, then press SELECT.
4. Select the folder, or the file within a folder, you want to base the slideshow on, and press the Play/Pause button to start playback.

The slideshow plays all photo files within the selected folder. Each photo is displayed for the length of time set in the *Interval* option.

Viewing Photo Slideshow

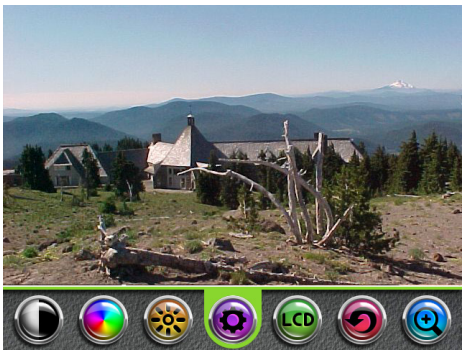
Slideshow options are set through the *Photos Settings* in the *Setup* menu (go to Chapter 2 for more information). The folder you select from the Photos system folder will play based on the interval and mode you set. A slideshow is similar to a video in that you can press the forward or reverse button at any time to go to the next or previous photo in the slideshow. You can also press the Play/Pause button to pause playback of the slideshow.

Viewing Photo Slideshow With Music

An audio slideshow is set through the *Photos Settings* in the *Setup* menu (go to page Chapter 2 for more information). You need to set a slideshow first and then you can add audio to the slideshow from the *Play Audio File* in the *Setup* menu.

Photo Settings Banner

To change photo settings while viewing a photo, press the MENU button momentarily (the Photo Settings banner appears). Press the left or right arrow button to highlight different settings, then press SELECT to make changes to the particular setting. Press the MENU button again to make the photo settings banner disappear. The Photo Settings banner explanation follows, starting from left to right.



Contrast Adjusts the difference between the light and dark areas of the picture. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Color Saturation Adjusts the richness of the color. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Picture Brightness Adjusts the brightness of the picture. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Go to Setup Screen Displays the Photos Setup screen.

LCD Brightness Adjusts the brightness of the LCD screen.

Picture Rotate Allows you to rotate the picture +90, -90, or 180 degrees. Once you change the rotation of a photo, the device saves this preference. To change the rotation for all photos, use the *Photo Settings* menu option in the *Setup* menu. Go to page 15 for more information.

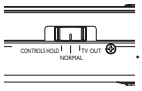
Zoom Allows you to zoom 2x, Digital 4x, or Digital 8x in on the picture. Access the Settings Banner each time you want zoom and select the Zoom icon. To go back to normal view, continue to access Zoom until you select 1x.

Once a setting is changed, press SELECT (a screen appears asking if you want to save the setting. Select *No* to not save changes. Select *Yes* to save the changes to the file in the Photos system folder).

Viewing Photos on Your TV

You can view photos stored on your Lyra AV Jukebox using the supplied Line Out cable if your TV has Audio and Video Input jacks.

1. Make sure your Lyra AV Jukebox is off.
2. Connect the 2.5mm mini-plug end of the cable to the LINE OUT jack on your Lyra AV Jukebox player.
3. Connect the yellow (video) to the Video Input jack. Connect the red (audio right) and white (audio left) cables to the corresponding right and left Audio Input jacks on your TV.

   Note: *If an audio file has been set to the slideshow, make sure the Audio Input jacks are properly connected to ensure you will hear the audio content.*
4. Turn on the power to your TV, and change to the corresponding input channel on your TV.
5. Turn on your Lyra AV Jukebox. Switch the Mode Switch to TV OUT (locate the switch on the bottom of your Lyra AV Jukebox 

.
6. Highlight and select *Photos*.
7. Find the file you want to view on the TV. Press the SELECT button to view the individual file, or press Play if the slideshow option has been set.
8. When finished viewing on the TV and to display the video on the Lyra screen, move the Mode Switch back to the NORMAL position.

Viewing Files

Files mode allows you to access all the contents on your hard drive. To view all files from the Main Menu:

1. Press the up or down arrow to highlight *Files* and press SELECT. All available folders are listed first (in alphabetical order), followed by all file items (in alphabetical order). If a CompactFlash memory card is inserted, it will be listed at the top of the list.

2. Press the down arrow button to highlight the file, playlist, or folder you want to select, for example, *Folder 1*.
3. Press the right arrow to display the list of files within the folder or the file contents of a playlist (the files appear on the right side of the screen).
4. Continue to press the up or down arrow button to select a photo, song or video file. Once you select the file from within a folder you want to view or play, press SELECT to display the Options menu (or press Play/Pause to start playback and the Options menu won't appear). The Files Options menu descriptions follow:

Highlight *Play* and press SELECT to view or play the file.

Note: *If you have a file, such as expense.xls , in your folder, the file can't be viewed on the Lyra AV Jukebox.*

Highlight *Exit* and press SELECT to return to the last viewed Files menu.

Highlight *Add to User Playlist* to add the file to a playlist file. (Feature currently not available. Visit http://www.rca.com/lyra-avdownloads for the latest software and updates).

Highlight *Move To* and press SELECT if you want to move the file to a different folder.

Highlight *Copy To* and press SELECT if you want to copy the file to another folder.

Highlight *Copy All* to copy all files in the current selected folder to another folder.

Highlight *Delete* and press SELECT to delete the file from the folder.

Highlight *Create Folder* and press SELECT. The on-screen keyboard appears to let you name a new sub-folder to the currently selected (open) folder. See *Using the On-Screen Keyboard* for more information.

When you select the file from within a playlist you want to view or play, press SELECT to display the Options menu (or press Play/Pause to start playback and the Options menu won't appear). The Files Options menu descriptions follow for a playlist:

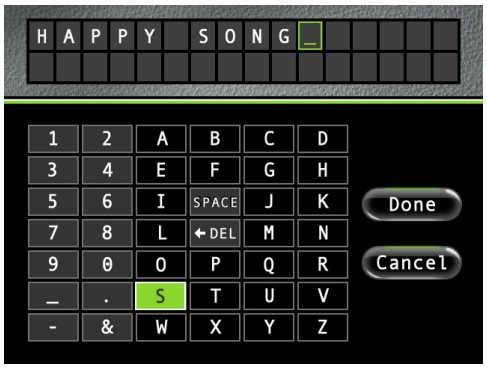
Highlight *Play* and press SELECT to play the file selected.

Highlight *Exit* and press SELECT to return to the last viewed Files menu.

Using the On-Screen Keyboard

The keyboard is available through the Create Folder (in the Options menu for Video, Photos and Files mode), and Video and Audio Recording Rename functionality. File or folder names can be up to 32 characters in length (including file extension if for a rename). To use the on-screen keyboard:

1. Press the up, down, left, or right arrow button to navigate around the keyboard.



2. Press SELECT when you've highlighted a character you want to add to the file/folder name. After SELECT is pressed, the highlight moves back to the *SPACE* key.

   Note: *To delete (remove) the last character entered into the file/folder name, highlight the DEL key and press SELECT.*

3. When you've finished, press the right arrow button until *Done* is highlighted to save the specified file/folder name.

4. Press *Cancel* to dismiss the keyboard and undo the renamed file or created folder.

Portable Hard Drive Capability

When connected to a computer via USB, the Lyra AV Jukebox is capable of storing any file type allowing the user a fast, convenient method of storing, retrieving, and transferring files. Including word processing files, presentations, spreadsheets and any other computer files.

Some possible uses for this feature are as follows:

• Create back-ups/archive files.

• Transport digital photo albums.

• Transport files from one computer to another computer. For example, instead of copying files at work onto a zip disk or accessing them on your home computer via e-mail or remote access, you can copy the files directly to your Lyra AV Jukebox and access from both work and at home.

• Store Internet downloads.

• Share information.

CompactFlash High-Speed Card Reader

The Lyra AV Jukebox also functions as a high-speed CompactFlash card reader when a CompactFlash memory card (Type-I) is properly inserted into the device.

If a CompactFlash memory card is properly inserted and the device is connected through USB to a computer, an additional drive will be accessible through Windows Explorer (on the Desktop for Mac Users) to transfer content to and from the card. All files types, not just multimedia files, may be stored on the card.

> ***NOTE:*** *CompactFlash memory cards MUST be formatted in FAT16 in order to be properly detected. Other formats may result in device errors.*
>
> *Only Photo content will be available for direct playback (viewing) on the Lyra AV Jukebox. Audio and Video content must be copied onto the device's hard drive in order to be available for playback. Audio and Video content on the CompactFlash memory card may also be copied to a computer for playback.*

To copy files from the CompactFlash memory card to the Lyra AV Jukebox:

1. With the Lyra AV Jukebox turned on, insert the CompactFlash memory card into the CompactFlash memory card slot on top of the player.

2. Highlight and select *FILES* from the Main menu, then select the *CompactFlash* option.
3. Press the right arrow button to view the files on the CompactFlash memory card.
4. Press the up or down arrow button to scroll through the files, or press the right arrow to expand items in folders.
5. Press the SELECT button once you have chosen the file you want to copy, then select the *Copy To* option.

6. Select the appropriate directory or sub-directory where you want to copy the file to. For example, if you're copying a photo to the Lyra AV Jukebox, press the SELECT button with the *Photos* option highlighted. Press SELECT again to confirm the copy.

To copy files from the Lyra AV Jukebox to the CompactFlash memory card:

1. With the Lyra AV Jukebox turned on, insert the CompactFlash memory card into the CompactFlash memory card slot on top of the player.
2. Connect the Lyra AV Jukebox to the computer using the mini USB cable provided (go to page 10 for more information on connecting the USB cable).
3. If you're using a PC, an additional drive will be available labeled *Removable Disk* located in the *My Computer* option or *Windows Explorer*.

   If you're using a Mac, an additional drive will appear on your desktop.
4. Open the CompactFlash drive and the Lyra AV Jukebox drive.
5. Find the files you want to copy. Drag and drop the files or folder from the Lyra AV Jukebox drive to the CompactFlash drive.
6. **S**top the USB connection before disconnecting the USB cable (got to page 12 for more information on disconnecting the USB cable).

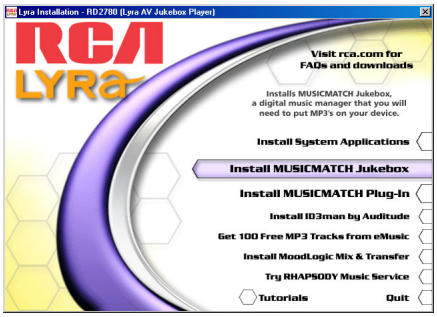
Chapter 4: Additional Information

Installing MusicMatch Jukebox

MusicMatch Jukebox is a music management software used to organize and manage digital audio files and transfer music to your Lyra AV Jukebox. If you already have MusicMatch Jukebox software installed on your PC or another program to create mp3 files, you do not need to install MusicMatch Jukebox software from the CD-ROM.

Make sure you have installed the USB Driver/System Applications (Windows 98SE/Me) or System Applications (Windows 2000/XP) before you install MusicMatch Jukebox for proper device operation.

1. Turn on your computer and place the Music Management CD that came with your Lyra AV Jukebox into your computer.


Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs MUSICMATCH Jukebox, a digital music manager that you will need to put MP3's on your device.
Install System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

2. Click *Install MusicMatch Jukebox* to run the MusicMatch setup program.

   Wait while the installation program begins. It may take up to 20 seconds for the installer to start.

   Note: *It is recommended to uninstall any previous installations of the MusicMatch Jukebox software before proceeding. After the uninstall process has been completed, delete the C:\Program Files\MusicMatch folder from Windows and where C:\Program Files is the path where the software was installed. If you do not wish to uninstall the previous MusicMatch Jukebox software, go to "Install MusicMatch Plug-in" on page 33.*

3. The *Welcome* screen appears, click *Next* to continue and show License Agreement.

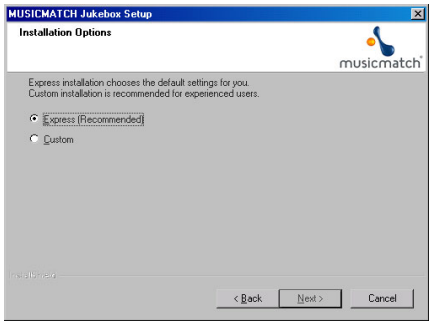
MUSICMATCH Jukebox Setup
License Agreement
musicmatch
Press the PAGE DOWN key to see the rest of the agreement.
END USER LICENSE AGREEMENT for MUSICMATCH® JUKEBOX
IMPORTANT-READ CAREFULLY: This MUSICMATCH End User License Agreement ("END USER LICENSE") is a legal agreement between you and MUSICMATCH, Inc. for the MUSICMATCH Jukebox software program, which includes computer software and associated media and printed materials (if any) and portions of any plug-in associated therewith that contain the intellectual property of MUSICMATCH that you may now or hereafter download, and may include online or electronic documentation ("SOFTWARE PRODUCT"). By installing, copying or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this END USER LICENSE. If you do not agree to the
Do you accept all the terms of the preceding License Agreement? If you choose No, the setup will close. To install MUSICMATCH Jukebox, you must accept this agreement.
< Back
Yes
No

4. After you've read the license agreement, click *Yes* to accept (to continue, you must click *Yes*), or *No* to decline. If you click *Yes,* the *User Registration Information* screen appears.

5. Enter your year of birth, name, e-mail address, country, postal code, and gender. Click *Next* to continue.

   Note: *You must enter an e-mail address to proceed. If you don't have an e-mail address, enter yourname@home.com*

6. The *Personalize Music Recommendation* screen appears. Read the screen to determine if you want to use this feature or not — you can always change the setting later. Select *Yes* or *No* and click *Next* to continue.



7. The *Installation Options* dialog screen appears. Select *Express* and click *Next* to continue (the installation starts).

Setup Complete
MUSICMATCH® Jukebox successfully installed!
You may need to restart your computer in order for changes to take effect
Run MUSICMATCH Jukebox now
New users can find Frequently Asked Questions (FAQ) and other helpful information at
www.musicmatch.com
Please click Finish to complete setup
Finish

8. After the installation is complete, click *Finish*.
9. If necessary, close the main setup screen.
10. Some computers might request that you reboot your computer (a dialog box will appear on the computer screen if this is necessary).

Note: *As with any device that has a hard drive, you must back up the drive. RCA and Thomson Inc. are not responsible for lost data.*

Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs the plug-in for MUSICMATCH Jukebox that allows you to load digital music on your device. You must install MUSICMATCH Jukebox first.
Install System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

For more information on MusicMatch Jukebox, click *Tutorials* on the CD or go to www.musicmatch.com.

Install MusicMatch Plug-In

MusicMatch requires a plug-in for your particular device in order to download audio files using MusicMatch Jukebox and transfer the files from your computer to your Lyra AV Jukebox.

Lyra Installation - RD2780 (Lyra AV Jukebox Player)
RCA
LYRA
Visit rca.com for FAQs and downloads
Installs the plug-in for MUSICMATCH Jukebox that allows you to load digital music on your device. You must install MUSICMATCH Jukebox first.
Install System Applications
Install MUSICMATCH Jukebox
Install MUSICMATCH Plug-In
Install ID3man by Auditude
Get 100 Free MP3 Tracks from eMusic
Install MoodLogic Mix & Transfer
Try RHAPSODY Music Service
Tutorials
Quit

1. Click *Install MusicMatch Plug-In.*
2. Follow the on-screen instructions to install all necessary files.
3. Click *Finish* to complete installation and return to the start-up screen. After plug-in has been installed, launch the MusicMatch Jukebox software.

Note: *If the MusicMatch Jukebox Software is already running, you may need to restart it in order for newly installed Lyra plug-in to be properly recognized.*

Install Additional Music Services (optional)

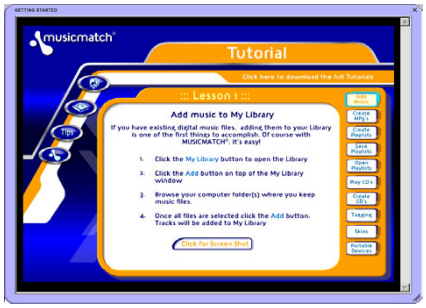
Click on *Install ID3man Auditude, Get 100 Free mp3 Tracks from eMusic, Install Moodlogic Mix and Transfer,* or *Try RHAPSODY Music Service* for additional digital music services provided by RCA and Thomson Inc. partners.

Launch the MusicMatch software

After you've installed the necessary components, you're ready to begin converting and transferring audio files. The MusicMatch software converts/creates audio files into the mp3 and mp3PRO format so you can play them on your Lyra AV Jukebox.

1. Remove the Music Management CD from your computer.

MusicMatch icon

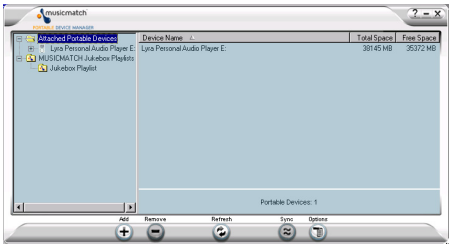


2. Start the MusicMatch Jukebox software (click on the MusicMatch icon in your system tray or on your desktop).
3. The first time you launch MusicMatch, a *Getting Started* screen appears providing information about MusicMatch and the software.
4. Detailed information, Getting Started tips, and troubleshooting are available through the Help menu and the MusicMatch internet site (accessed from the Help and Site menus). We recommend you familiarize yourself with the MusicMatch Welcome Tips and view the On-line FAQs before using and recording files.

Note: *Logging onto the internet while using MusicMatch Jukebox takes advantage of all its features.*

Transfer Files Via MusicMatch Jukebox

1. Start the MusicMatch Jukebox software. Drag and drop the desired tracks from the *Music Library* to the *Playlist* display.

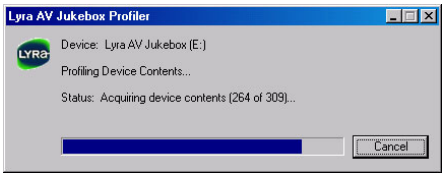


2. From the menu area, select *Files/Send to Portable Device* to display the *Portable Device Manager* screen. Under the *Attached Portable Devices* option, select *Lyra Personal Audio Player*.

Note: *If more than one Lyra AV Jukebox is connected to your computer, select the corresponding* ***Lyra Personal Audio Player*** *displayed in the drive you want to transfer content to.*

3. Select the playlist item and drag it to the *Lyra Personal Audio Player*. The songs in the playlist are transferred to your Lyra AV Jukebox.

Note: *If your Lyra AV Jukebox doesn't appear in the Portable Device Manager area, click the REFRESH button.*


Lyra AV Jukebox Profiler
Device: Lyra AV Jukebox (E:)
Profiling Device Contents...
Status: Acquiring device contents (264 of 309)...
Cancel

When the transfer is finished, the Lyra AV Jukebox Profiler application runs automatically to sort/profile the newly transferred audio files to ensure the files appear in the Audio menu system.

Caution: *Make sure all data are transferred to the Lyra AV Jukebox before unplugging the USB cable.*

In Windows 2000/XP, you must stop the device before unplugging it. Click the *icon (the Unplug or Eject hardware icon) from the system tray and select the USB Mass Storage device for the drive associated with the Lyra AV Jukebox, and click STOP. See the Windows Help for details about the Unplug or Eject Hardware topic.*

In Windows 98SE/Me, click the *icon and follow the same instructions as above.*

Tips and Troubleshooting

Problem: Songs aren't listed in any of the audio sort modes (Album, Genre, Title, Audio Files).

- The audio contents of the Lyra AV Jukebox haven't been profiled (sorted) since the last file transfer. From the Lyra System Application on your PC, select the *Profile Device Contents...* option to sort (profile) the audio contents of the hard drive. The icon in the system tray looks like this .

  From within the *Audio* menu on the Lyra AV Jukebox, select *Profile Contents* to run the embedded profiler.

Problem: Lyra Jukebox Profiler application icon *doesn't appear in the system tray.*

- You can restart Windows to auto-launch the application, or you can double-click or run the Lyra Jukebox executable file that's in the Lyra Jukebox sub-folder of the installation directory that was specified during the setup process – (Example Directory: C:\Program Files\Thomson\Lyra Jukebox\LyraHDTrayApp\LyraHD2TrayApp.exe).

  If the problem persists, you might need to reinstall the Lyra AV Jukebox software.

Problem: Lyra AV Jukebox does not respond.

- When this happens, you can recover the unit by inserting a non-metal pointed object (e.g. toothpick) into the Reset hole, located on the bottom side of the unit to reset the device. Press ON/OFF to turn device back on.

Problem: Some .AVI video files do not play on my Lyra AV Jukebox.

- Make sure the video is encoded in MPEG4 and the audio is encoded in mp3 audio. The .AVI files may be encoded in audio/video formats that are not currently supported by the Lyra AV Jukebox device.

  Note: *The Lyra AV Jukebox can play MPEG4-SP video content encoded with the DivX 4/5 and xVID codecs.*

Problem: Can't hear audio on my Video file

- Make sure the audio has been encoded in mp3 audio.
- If connected to an audio/video component using the Line Out cable, make sure the cable is properly connected. See page 18 for more details.

Problem: Video picture doesn't fill up the entire LCD screen.

- If the video you recorded was created, from the computer, for example, the video frame size should be 320 pixels (width) by 240 pixels (height) for optimal video playback on your Lyra AV Jukebox, as well as on a TV.

Problem: Photo files don't fill up the entire LCD screen.

- The photo size should have a 4:3 aspect ratio such as 640 pixels (width) by 480 pixels (height) for optimal photo playback.

Problem: Audio files added to the hard drive through Windows Explorer via drag and drop do not appear in Audio navigation sorting categories (Artist, Album, Genre, etc.).

- The audio content of the Lyra AV Jukebox hasn't been profiled. From the Lyra System Application on your PC, select the *Profile Device Contents...* option to sort (profile) the contents of the hard drive (go to Chapter 1 for details).

  From within the *Audio* menu on the Lyra AV Jukebox, select *Profile Contents* to run the embedded profiler.

Problem: Video files added to the hard drive through Windows Explorer via drag and drop do not appear in Video navigation mode.

- Video content must be stored on the hard drive in the VIDEO system folder in order to be properly recognized and available for playback. Sub-folders may be created under the VIDEO system folder for easy navigation and organization of your video files.

Problem: Photo files added to the hard drive through Windows Explorer via drag and drop do not appear in Photos navigation mode.

- Photo content must be stored on the hard drive in the PHOTOS system folder in order to be properly recognized and available for playback. Sub-folders may be created under the PHOTOS system folder for easy navigation and organization of your photo files.

Frequently Asked Questions

Q: How do I return to the Main menu?

- Press and hold the MENU button (located on the right side of the device) while in the menu system to return to the Main menu. A momentary press of the MENU button brings navigation up one level.

Q: Why should I profile my Audio content?

- Profiling the audio content on your Lyra AV Jukebox creates the necessary sorting categories (Artist, Album, Genre, etc. from id3 tags) so your Lyra AV Jukebox can understand it. Without profiling, the Lyra AV Jukebox will simply act as a mass storage device; any new audio content will NOT be displayed in audio mode.

Q: How do I profile Audio Content?

- From your PC, with the Lyra AV Jukebox device connected, right click the Lyra icon ( ) from the system tray. From the Lyra System Application menu, select *Profile Device Contents…* to start profiling and sorting contents.

  Note: *If more than one Lyra AV Jukebox is connected to your computer, you will be prompted to select the corresponding drive you want to profile.*

  Click "Done" when profiling is complete.

  From within the *Audio* menu on the Lyra AV Jukebox, select *Profile Contents* to run the embedded profiler.

  Note: *Video and Photos content will appear in the Navigation menus based on the folder/file structures in the VIDEO and PHOTOS system folder. Profiling of Video and Photos content is not necessary.*

Q: Why doesn't my Lyra AV Jukebox recognize my CompactFlash memory card?

- Your CompactFlash memory card must first be formatted in Windows using FAT16 format. The default Windows XP format, FAT32, will not work at this time. When formatting your CompactFlash memory card, always select the option enabling FAT16.

  Note: *FAT16 is displayed as FAT in the Windows 2000 and Windows XP format utility.*

Q: Why can't I to play Video or Audio files directly from the CompactFlash memory card?

- The Lyra AV Jukebox only allows jpeg (.jpg) photo content to be displayed from the CompactFlash memory card. Because of the memory and processing requirements, all other file types must be copied from the CompactFlash memory card to the device.

Q: Songs aren't listed in any of the audio sort modes (Album, Genre, Title, Audio Files).

- The audio contents of the Lyra AV Jukebox haven't been profiled (sorted) since the last file transfer. From the Lyra System Application on your PC, select the *Profile Device Contents...* option to sort (profile) the audio contents of the hard drive. The icon in the system tray looks like this .

Q: Why doesn't the Lyra automatically recognize Video, Audio, and Photo content and assign them to the appropriate folders on the Lyra?

- Because of the massive storage capacity of the Lyra AV Jukebox, the device isn't capable of this. Video files MUST be stored in the VIDEO sub folder of the Lyra AV Jukebox. Photo content must be stored in the PHOTOS sub folder of the Lyra AV Jukebox.

  Note: *Sub folders can be created under each of the three main folders to further sort and manage your files. Example; "My summer vacation", "graduation 2003", "our first picnic", could be created under the "Photos" folder. This would allow you to locate and navigate specific folders much more quickly.*

Q: What is an ".avi file"?

- AVI stands for Audio Video Interleave and has been defined by Microsoft. It is the most common format for Audio/Video data on the PC. The Lyra AV Jukebox plays .avi files that contain mpeg4-sp video and mp3 audio compression formats.

Q: Some .AVI video files do not play on my Lyra AV Jukebox.

- Make sure the video is encoded in MPEG4 and the audio is encoded in mp3 audio. The .AVI files may be encoded in audio/video formats that are not currently supported by the Lyra AV Jukebox device. Note: The Lyra AV Jukebox can play most MPEG4-SP video content encoded with the DivX 4/5 and xVID codecs.

Q: How do I stop content from playing on the Lyra AV Jukebox (where is the STOP button)?

- Use the Stop button (labeled On/Off) on the top of the Lyra AV Jukebox. Press and release the button quickly to stop playback.

Specifications & System Requirements

Hardware

- Dimensions: .95" D, 5.37" W, 3.13" H
- Unit Weight: 13 Ounces
- 20 Giga Byte Storage (1GB= 1 x 10^9 bytes)
- Stereo Headphone Jack
- Mini USB Connection Jack
- Audio/Video Line Out Jack
- Audio/Video Line In Jack
- Battery Operated: Internal rechargeable lithium ion battery.

Hard Disk

- External Hard Disk Drive: When connected to a computer via USB, the Lyra AV Jukebox is capable of storing any file type allowing the user a fast, convenient method of storing, retrieving, and transferring files. Including word processing files, presentations, spreadsheets and any other computer files.
- Capacity: 20 Giga Byte (1GB= 1 x 10^9 bytes)
- Rotational Speed: 4200 RPM
- Average Access Time: 12 MS
- Connection: USB 2.0 High-speed data transfer

NOTE: *If formatting the Lyra AV Jukebox hard drive, the format must be in FAT32 in order for the device to function properly. Other formats will result in device failure and possible loss of data.*

Software

- Includes Music Management software with the Lyra Jukebox applications and the MusicMatch Jukebox software.

  MusicMatch Jukebox software lets the user organize all tracks in a digital music library, create custom playlists through drag and drop interface.

  – Encodes mp3 and mp3PRO files.

  – Auto DJ creates automatic Playlists based on the user's sorting preferences. Scans the entire Music Library for specific search results.

  – Integrated CD Player.

  – Export to WAV

  – mp3 Equalizer

  – Additional software/services included: *Install ID3man Auditude, Get 100 Free mp3 Tracks from eMusic, Install Moodlogic Mix and Transfer,* or *Try RHAPSODY Music Service*

PC Hardware Requirements

- Pentium III 500 MHz or higher recommended

  Macintosh iMac G3 or higher
- Windows® 98SE, Me, 2000 with Service Pack 3, or XP

  Mac OS X Version 10.1.5 or higher
- Internet Explorer 5.0 or higher
- Internet access

- 100 MB free hard disk space for the software
- 64 MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Installed sound card
- 16-bit color video card

Accessories

- CD-ROM Music Management Software
- Mini USB Connection Cable
- AC/DC Adapter
- Ear buds
- Audio/Video Line-In Cable
- Audio/Video Line-Out Cable
- Car Adapter Kit
- Carrying Case

Miscellaneous Specifications

- Signal to Noise Ratio (>85dB)
- THD (<0.1%)

Limited Warranty (U.S.)

What your warranty covers:

- Defects in materials or workmanship.

For how long after your purchase:

- 90 days from date of purchase - Unit repair or exchange, which includes parts and labor.
- 91 days to 1 year from date of purchase - Unit repair or exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

What we will do:

- **During the initial 90 days:**

  Repair or exchange the defective portion of your Hard Drive. If the unit is replaced it will be with a new or, at our option, refurbished unit.

- **After the 90 days and within one year:**

  Repair or exchange the defective portion of your Hard Drive. If the unit is replaced it will be with a new or, at our option, refurbished unit.

  We will charge you a flat rate to repair or replace a defective Hard Drive. This charge covers the labor cost for its repair.

How you get service:

- Contact us on the Internet at www.rca.com and have your unit's date of purchase and model/serial number ready. The model/serial number information is on your unit.
- Self diagnostic screens will allow you to troubleshoot your problem over the Internet.
- If after going through the troubleshooting screens, you determine that your player requires service, contact us at 580-634-0115. You must contact us to obtain a Service Request Number (SR) for a service repair or exchange. No returns will be accepted without the SR number.

- Proof of purchase in the form of a bill of sale or receipted invoice which is evidence that the product is within the warranty period must be presented to obtain warranty service. For rental firms, proof of first rental is also required.
- Write the SR number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all non-defective accessories that were included with your unit such as the headphones.
- Include with the shipment:
    1. Evidence of purchase date such as a bill of sale.
    2. A brief note describing your unit's problem.
    3. Your name, address and phone number.
- After we receive your product, it will be repaired, or a new, or at our option, refurbished unit will be shipped to you.
- Please retain a copy of all items loaded into your Hard Drive. Thomson Inc. will not be responsible for your software, firmware, information, or memory data contained in, stored on, or integrated with any products returned to Thomson Inc. for repair or exchange whether in or out of warranty.

What your warranty *does not* cover:

- Acts of nature, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased, serviced or operated outside the U.S.A.
- Loss of customer's software, firmware, information, or memory data.
- Installation.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson Inc..

Product Registration:

- Please complete and mail the Product Registration Card packed with your Hard Drive. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

Limitation of Warranty:

- **THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY THOMSON INC., ITS AGENTS OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.**
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